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 NEWS  1          Web Page for STN Seminar Schedule - N. America
 NEWS  2  MAY 01  New CAS web site launched
 NEWS  3  MAY 08  CA/CAplus Indian patent publication number format defined
 NEWS  4  MAY 14  RDISCLOSURE on STN Easy enhanced with new search and display
                  fields
 NEWS  5  MAY 21  BIOSIS reloaded and enhanced with archival data
 NEWS  6  MAY 21  TOXCENTER enhanced with BIOSIS reload
 NEWS  7  MAY 21  CA/CAplus enhanced with additional kind codes for German
                  patents
 NEWS  8  MAY 22  CA/CAplus enhanced with IPC reclassification in Japanese
                  patents
 NEWS  9  JUN 27  CA/CAplus enhanced with pre-1967 CAS Registry Numbers
 NEWS 10  JUN 29  STN Viewer now available
 NEWS 11  JUN 29  STN Express, Version 8.2, now available
 NEWS 12  JUL 02  LEMBASE coverage updated
 NEWS 13  JUL 02  LMEDLINE coverage updated
 NEWS 14  JUL 02  SCISEARCH enhanced with complete author names
 NEWS 15  JUL 02  CHEMCATS accession numbers revised
 NEWS 16  JUL 02  CA/CAplus enhanced with utility model patents from China
 NEWS 17  JUL 16  CAplus enhanced with French and German abstracts
 NEWS 18  JUL 18  CA/CAplus patent coverage enhanced
 NEWS 19  JUL 26  USPATFULL/USPAT2 enhanced with IPC reclassification
 NEWS 20  JUL 30  USGENE now available on STN
 NEWS 21  AUG 06  CAS REGISTRY enhanced with new experimental property tags
 NEWS 22  AUG 06  BEILSTEIN updated with new compounds
 NEWS 23  AUG 06  FSTA enhanced with new thesaurus edition

 NEWS EXPRESS  29 JUNE 2007:  CURRENT WINDOWS VERSION IS V8.2,
               CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 19:01:55 ON 07 AUG 2007
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=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 19:02:04 ON 07 AUG 2007
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STRUCTURE FILE UPDATES:     6 AUG 2007  HIGHEST RN 944108-38-7
DICTIONARY FILE UPDATES:    6 AUG 2007  HIGHEST RN 944108-38-7

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http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\Stnexp\Queries\10564709.str
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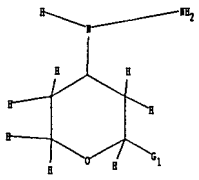
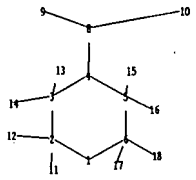




chain nodes :
8 9 10 11 12 13 14 15 16 17 18
ring nodes :
1 2 3 4 5 6
chain bonds :
2-11 2-12 3-13 3-14 4-8 5-15 5-16 6-17 6-18 8-9 8-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
4-8 6-18 8-10
exact bonds :
1-2 1-6 2-3 2-11 2-12 3-4 3-13 3-14 4-5 5-6 5-15 5-16 6-17 8-9
isolated ring systems :
containing 1 :

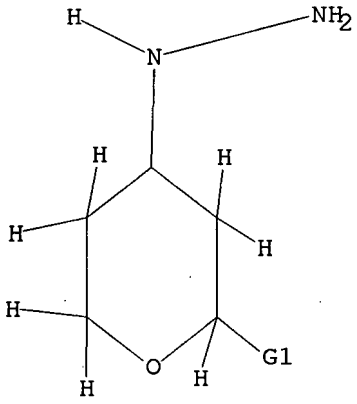
G1:C,H

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,H

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 431 TO ITERATE

100.0% PROCESSED 431 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 7375 TO 9865
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 19:02:29 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8739 TO ITERATE

100.0% PROCESSED 8739 ITERATIONS 5 ANSWERS
SEARCH TIME: 00.00.01

L3 5 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 172.10 172.31

FILE 'CAPLUS' ENTERED AT 19:02:36 ON 07 AUG 2007
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FILE COVERS 1907 - 7 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 6 Aug 2007 (20070806/ED)


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=> s l3 full
L4          11 L3

=> s l4 and py<2003
      22880462 PY<2003
L5           7 L4 AND PY<2003

=> d ibib abs hitstr tot
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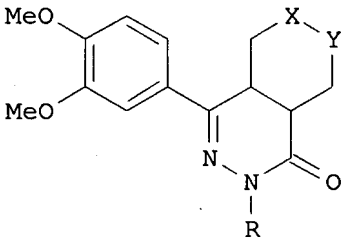
L5 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER:	2002:357897 CAPLUS
DOCUMENT NUMBER:	137:63213
TITLE:	Novel Selective PDE4 Inhibitors. 3. In Vivo Antiinflammatory Activity of a New Series of N-Substituted cis-Tetra- and cis-Hexahydrophthalazinones
AUTHOR(S):	Van der Mey, Margaretha; Boss, Hildegard; Hatzelmann, Armin; Van der Laan, Ivonne J.; Sterk, Geert J.; Timmerman, Hendrik
CORPORATE SOURCE:	Division of Medicinal Chemistry, Department of Pharmacochemistry, Leiden/Amsterdam Center for Drug Research, Vrije Universiteit, Amsterdam, 1081 HV, Neth.
SOURCE:	Journal of Medicinal Chemistry (2002), 45(12), 2520-2525 CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
OTHER SOURCE(S):	CASREACT 137:63213

GI



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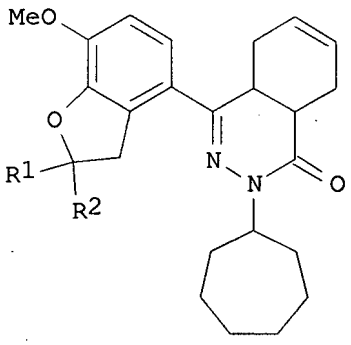


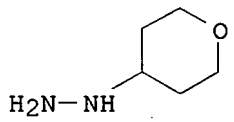
II

AB The synthesis and biol. activities of a series of N-substituted cis-4a,5,6,7,8,8a-hexa- and cis-4a,5,8,8a-tetrahydro-2H-phthalazin-1-ones I [XY = (CH2)2, HC:CH; R = Me, cyclopentyl, allyl, PhCOCH2, etc.] are described. It was found that compds. bearing a cycloalkyl group at the 2-position exhibit the highest PDE4 inhibitory activities (pIC50 = 8.6-9.4). The N-cycloheptyl- and N-adamantanyltetrahydrophthalazinones I (XY = HC:CH; R = cycloheptyl, 2-adamantyl) and II [R1 = R2 = Me, R1R2 = (CH2)4] show high in vivo antiinflammatory activities after oral application. Addnl., some phthalazinones were found to exhibit potent suppression of LPS-induced TNFα release and show moderate potency against fMLP-stimulated production of ROS.

IT 194543-22-1
RL: RCT (Reactant); RACT (Reactant or reagent)
(antiinflammatory activity and preparation of PDE4 inhibiting tetra- and hexahydrophthalazinones by condensation of keto acids with substituted hydrazines)

RN 194543-22-1 CAPLUS

CN Hydrazine, (tetrahydro-2H-pyran-4-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:509189 CAPLUS

DOCUMENT NUMBER: 129:136174

TITLE: Preparation of arylphthalazinones as inhibitors of cyclic nucleotide phosphodiesterase.

INVENTOR(S): Van Der Mey, Margaretha; Van Der Laan, Ivonne Johanna; Timmerman, Hendrik; Hatzelmann, Armin; Boss, Hildegard; Hafner, Dietrich; Beume, Rolf; Kley, Hans-Peter; Sterk, Geert Jan

PATENT ASSIGNEE(S): Byk Gulden Lomberg Chemische Fabrik G.m.b.H., Germany

SOURCE: PCT Int. Appl., 59 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9831674	A1	19980723	WO 1998-EP124	19980112 <--
W: AL, AU, BA, BG, BR, CA, CN, CZ, EE, GE, HU, ID, IL, JP, KR, LT, LV, MK, MX, NO, NZ, PL, RO, SG, SI, SK, TR, UA, US, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2276455	A1	19980723	CA 1998-2276455	19980112 <--
CA 2276455	C	20061031		
AU 9858629	A	19980807	AU 1998-58629	19980112 <--
AU 735934	B2	20010719		
EP 971901	A1	20000119	EP 1998-901959	19980112 <--
EP 971901	B1	20030226		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
EE 9900274	A	20000215	EE 1999-274	19980112 <--
EE 3968	B1	20030217		
BR 9806752	A	20000314	BR 1998-6752	19980112 <--
NZ 336573	A	20001027	NZ 1998-336573	19980112 <--
HU 200001541	A2	20010528	HU 2000-1541	19980112 <--
JP 2001508078	T	20010619	JP 1998-533635	19980112 <--
IL 130659	A	20020725	IL 1998-130659	19980112 <--
AT 233247	T	20030315	AT 1998-901959	19980112
SK 283270	B6	20030401	SK 1999-951	19980112
PT 971901	T	20030731	PT 1998-901959	19980112
ES 2193508	T3	20031101	ES 1998-901959	19980112
CN 1127487	B	20031112	CN 1998-803169	19980112
CZ 293815	B6	20040818	CZ 1999-2533	19980112
PL 189418	B1	20050831	PL 1998-334561	19980112
NO 9903301	A	19990910	NO 1999-3301	19990702 <--
NO 313137	B1	20020819		
US 6103718	A	20000815	US 1999-341135	19990714 <--
HK 1024692	A1	20030620	HK 2000-103993	20000630
PRIORITY APPLN. INFO.:			EP 1997-100488 A	19970115
			WO 1998-EP124 W	19980112

OTHER SOURCE(S): MARPAT 129:136174
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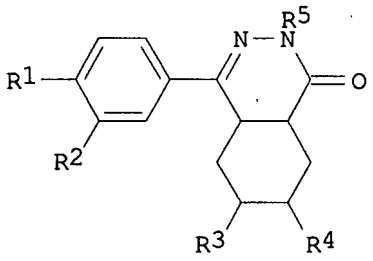


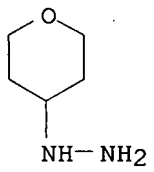
I

AB Title compds. [I; R1 = alkoxy, fluoroalkoxy; R2 = alkoxy, cycloalkoxy, cycloalkylmethoxy, fluoroalkoxy; R3, R4 = H, or R3R4 = bond; R5 = R6, (CH2)mR7, (CH2)nCOR8, CH(R9)2, (CH2)pAr; R6 = H, alkyl, cycloalkyl, cycloalkylmethyl, alkenyl, alkynyl, naphthyl, phenylalkenyl, pyridyl, pyrazinyl, indanyl, etc.; R7 = OH, halo, cyano, NO2, ONO2, CO2H, PhO, alkoxy, cycloalkoxy, alkylcarbonylamino, etc.; R8 = (substituted) Ph, naphthyl, phenanthryl, anthracenyl; R9 = (CH2)qPh; Ar = naphthyl, pyridyl, pyrazinyl, pyridazinyl, pyrimidinyl, quinazolinyl, cinnolinyl,

isoquinolinyl, imidazolyl, pyrazolyl, oxazolyl, thiazolyl, furyl, thienyl, pyrrolyl, (substituted) Ph, etc.; m = 1-8; n = 1-4; p = 1-6; q = 0-2], were prepared Thus, cis-4-(3,4-dimethoxyphenyl)-2-propyl-4a,5,6,7,8,8a-hexahydro-2H-phthalazin-1-one (preparation outlined) inhibited PDE 4 with -log IC50 >7.5.

IT 116312-69-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of arylphthalazinones as inhibitors of cyclic nucleotide phosphodiesterase)

RN 116312-69-7 CAPLUS
CN Hydrazine, (tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)



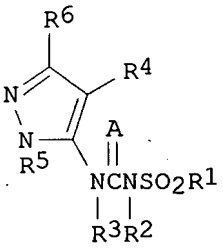
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:579703 CAPLUS
DOCUMENT NUMBER: 127:205576
TITLE: Preparation of sulfonylureidopyrazole derivatives as endothelin converter enzyme inhibitors
INVENTOR(S): Matsushita, Kayo; Hasegawa, Hirohiko; Kuribayashi, Yoshikazu; Ohashi, Naohito
PATENT ASSIGNEE(S): Sumitomo Pharmaceuticals Co., Ltd., Japan; Matsushita, Kayo; Hasegawa, Hirohiko; Kuribayashi, Yoshikazu; Ohashi, Naohito
SOURCE: PCT Int. Appl., 260 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9730978	A1	19970828	WO 1997-JP532	19970225 <--
W: AU, CA, CN, KR, NZ, RU, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 10007658	A	19980113	JP 1997-56883	19970224 <--
CA 2247286	A1	19970828	CA 1997-2247286	19970225 <--
AU 9717354	A	19970910	AU 1997-17354	19970225 <--
EP 885890	A1	19981223	EP 1997-904634	19970225 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI				

PRIORITY APPLN. INFO.: JP 1996-65498 A 19960226
WO 1997-JP532 W 19970225

OTHER SOURCE(S): MARPAT 127:205576
GI



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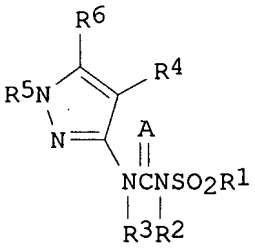


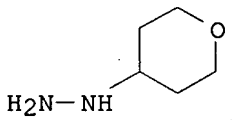
II

AB The title compds. (I and II; A = O, S; R1 = alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R2, R3 = H, aryl, alkyl, alkenyl, alkynyl, cycloalkyl, etc.; R4, R6 = H, halo, NH2, NO2, alkyl, alkenyl, alkynyl, cycloalkyl, etc; R5 = heterocyclyl, H, aryl, alkyl, alkenyl, alkynyl, cycloalkyl, etc.) are prepared I and II, having inhibitory effects on endothelin converter enzyme (ECE), are useful in the prevention and treatment of various circulatory disease, bronchial contraction, nervous disorder, hyposecretion, vascular lesions, various ulcers, etc. Thus, 5-amino-4-cyano-1-phenyl-(1H)-pyrazole was reacted with 4-toluenesulfonyl isocyanate to give 84.1% I (R1 = 4-MeC6H4, R2 = R3 = R6 = H, R4 = CN, R5 = Ph), which showed IC50 of 4.6 μM against ECE.

IT 194543-22-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of sulfonylureidopyrazole derivs. as endothelin converter enzyme inhibitors)

RN 194543-22-1 CAPLUS

CN Hydrazine, (tetrahydro-2H-pyran-4-yl)-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

L5 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:630766 CAPLUS
DOCUMENT NUMBER: 121:230766
TITLE: Preparation of 5-cyclopropyl-8-fluoro-7-(4-pyridyl)-3H-pyrazolo[4,3-c]quinolin-3-one topoisomerase-inhibiting anticancer agents
INVENTOR(S): Wentland, Mark P.
PATENT ASSIGNEE(S): Sterling Winthrop Inc., USA
SOURCE: U.S., 12 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5334595	A	19940802	US 1992-967470	19921023 <--

PRIORITY APPLN. INFO.: US 1992-967470 19921023
OTHER SOURCE(S): MARPAT 121:230766
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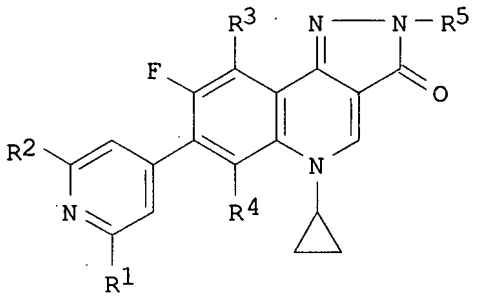
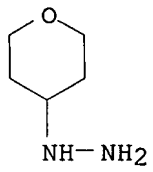


I

AB The title compds. [I; R1 = H, lower alkyl, CF3; R2 = lower alkyl, CF3, CH2Y; Y = hydroxy, chloro, (un)substituted lower alkylamino; R3, R4 = H, F; R5 = H, lower alkyl, (un)substituted Ph, 2-pyridyl, 4-pyridyl, 1-naphthyl, etc.], which are topoisomerase II inhibitors and are useful in the treatment of cancer, are prepared Thus, 5-cyclopropyl-6,8-difluoro-2,5-dihydro-2-[2-(dimethylamino)ethyl]-7-[2,6-dimethyl-4-pyridinyl]-3H-pyrazolo[4,3-c]quinazolin-3-one (E)-2-butenoate (1:1) salt, m.p. 224-226°, was prepared and demonstrated an EC50 against topoisomerase II of 2.6 μM.

IT 116312-69-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of 5-cyclopropyl-8-fluoro-7-(4-pyridyl)-3H-pyrazolo[4,3-c]quinolin-3-one topoisomerase-inhibiting anticancer agents)

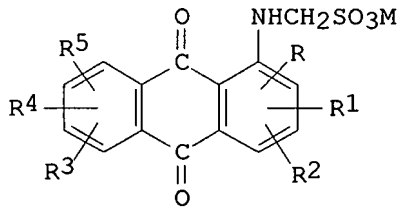
RN 116312-69-7 CAPLUS
CN Hydrazine, (tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)



L5 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:560442 CAPLUS
DOCUMENT NUMBER: 109:160442
TITLE: Hydroxylamine-free processing of color photographic paper by using developer containing hydrazine derivative
INVENTOR(S): Ishikawa, Masao; Koboshi, Shigeharu; Miyaoka, Kazuyoshi; Kon, Masahiko; Matsushima, Yoko
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 33 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63048550	A	19880301	JP 1986-192300	19860818 <--

PRIORITY APPLN. INFO.: JP 1986-192300 19860818
GI



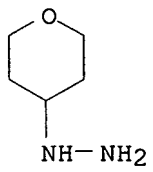
I

AB In processing of the exposed photog. material with a color-forming developer containing a p-phenylenediamine developing agent, the material contains ≥1 anti-irradiation dye compds. including (I) (R, R1-5 = H, halo, OH, alkyl, alkoxy, sulfo, -NHCH2SO3M; and M = cation) and other specified compds., and the developing agent contains ≥1 hydrazine derivs. The hydrazine derivs. as antioxidant may replace toxic hydroxylamine previously used. Decolorizing of the anti-irradiation dye is good, and thus prevents formation of stains.

IT 116312-69-7
RL: USES (Uses)
(antioxidant, for hydroxylamine-free processing of photog. material containing)

RN 116312-69-7 CAPLUS

CN Hydrazine, (tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)



L5 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:539037 CAPLUS
DOCUMENT NUMBER: 109:139037
TITLE: Photographic processing solution with additive for sulfurization prevention and improving storage stability of obtained images
INVENTOR(S): Kadota, Shinji; Koboshi, Shigeharu
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 17 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63085628	A	19880416	JP 1986-231524	19860930 <--
JP 08030867	B	19960327		

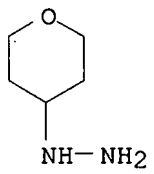
PRIORITY APPLN. INFO.: JP 1986-231524 19860930

AB The title processing solution contains a thiosulfate ion ≥1.0 + 10-2 g/L, and ≥1 of R1R2NCR3R4(CHR5)nSO3M [R1, R2 = H, alkyl, acyl, carbamoyl; R3-R5 = H, alkyl; m = 0-2; M = H, cation], R6NH(NR8)lZR7 [R6 = H, alkyl, cycloalkyl, aryl, acyl, alkylsulfonyl, carbamoyl, sulfamoyl,

heterocyclyl; R7 = H, alkyl, cycloalkyl, aryl, amino, hydrazino, heterocyclyl, OH, alkoxy, aryloxy; R8 = H, alkyl, cycloalkyl, aryl; l = 0, 1; when l = 0, Z = CO, C:NR9, SO2, NR10; when l = 1, Z = CO, C:NR9, SO2 (R9, R10 = R3)], and R11R12NOH (R11, R12 = alkyl, H; R1 and R2 can not be H at the same time; R1 and R2 may be connected to form a ring]. The solution prevented precipitation and mold production

IT 116312-69-7
RL: USES (Uses)
(preservatives, photog. processing solution containing)

RN 116312-69-7 CAPLUS
CN Hydrazine, (tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)



L5 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:519543 CAPLUS
DOCUMENT NUMBER: 109:119543
TITLE: Photographic color developing solutions containing stabilizers
INVENTOR(S): Ishikawa, Masao; Koboshi, Shigeharu; Miyaoka, Kazuyoshi; Kon, Masahiko; Matsushima, Yoko
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 40 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

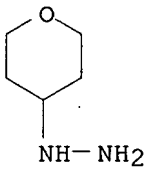
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63048548	A	19880301	JP 1986-191986	19860819 <--

PRIORITY APPLN. INFO.: JP 1986-191986 19860819

AB The title photog. color-developing solns. contain ≥1 amine derivative of the formula R1NH(NR3)nZR2 (R1 = H, carbamoyl, aryl, alkyl, acyl, sulfamoyl, alkylosulfonyl, arylsulfonyl, heterocyclyl; R2 = alkyl, aryl, alkoxy, aryloxy, OH, heterocyclyl, amino, hydrazino; R3 = H, alkyl, aryl; n = 0, 1; Z = CO, C:NR4, SO2, NR3 when n = 0; Z = CO, C:NR4, SO2 when n = L; R4 = R3) and ≥1 hydroxylamine derivative of the formula HONR5R6 (R5 = H, C1-5 alkyl; R6 = C1-5 alkyl). The color developers show good stability, and less toxic than the conventional developers containing hydroxylamine as a stabilizer.

IT 116312-69-7
RL: USES (Uses)
(color photog. developer solution stabilizer compns. containing alkylhydroxylamines and)

RN 116312-69-7 CAPLUS
CN Hydrazine, (tetrahydro-2H-pyran-4-yl)- (9CI) (CA INDEX NAME)

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FULL ESTIMATED COST                                        40.31     212.62

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)              SINCE FILE      TOTAL
                                                           ENTRY    SESSION
CA SUBSCRIBER PRICE                                        -5.46      -5.46

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Aug  3, 2007 (20070803/UP).

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L3           5 S L1 FULL

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L4          11 S L3 FULL
L5           7 S L4 AND PY<2003

     FILE 'STNGUIDE' ENTERED AT 19:04:33 ON 07 AUG 2007

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COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.42     213.04

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